3d Marine Aircraft Wing

"The Wing of Choice for Marines, Sailors, and Their Families"

GCI Background Information

Marine Air Control Squadron 1 (REIN)

7210 T&R AIC Syllabus

7210 AIC training starts at 200 level with SWD training (AIC)

- There are a total of 11 events
  - 5 simulated
  - 6 live
- The 200 level SWD (AIC) events are meant to be familiarization training events for the 7210.
- There is no 200 level SWD (AIC) or MC qualification for 7210s.

7210 T&R AIC Syllabus

The 7210 AIC Qualification is established in the 600 level training events.

- AIC is considered a Special Qualification for 7210.
  - A 7210 must be SID and STD qualified prior to doing these events.
  - Must complete the 200 level SWD events.
  - There are 7 600 level AIC events and 1 Qual event.

- The minimum AIC events (200 and 600 level) required for a 7210 to be qualified as a controller are 19.

7210 T&R AIC Syllabus

What is the total amount of time for AIC qualification?

- Per the T&R the 7210 should be SID and STD qualified within a year of coming to the FMF.

- After that year, the rest is squadron dependent.
  - Completion of academics
  - SWD 200 AIC events
  - 600 level AIC events
  - The average is 6-12 months.
  - EWCs at Beaufort and Miramar are probably quicker because of the exposure to F18 Squadrons.

7210 T&R AIC Syllabus

MACS-1 AIC Training shortfalls

- Majority of AIC training does not meet T&R.
  - Mostly 401 bogey control not fighters using standard requirements (TADIL-C, AWCs, CORE Format).
  - Mostly require TATCS Range.
  - Few fighter face to face briefs/debriefs.
- Not enough Fighter control and training in Yuma.
- AIC training was suspended the last year to prepare Surveillance and Traffic section for combat.

7236 T&R AIC Syllabus

7236 AIC training is 200 level training.

- There are a total of 13 AIC events (including the Qualification event).
  - 5 simulated events.
  - 8 live events.
    - AIC-230, 231, 233,234, & 235 must be completed twice.

- The 7236 can be qualified as an AIC at the 200 level.

7236 T&R AIC Syllabus

Academics

- There are a total of 15 academic events.
  - Testing weekly would cover the AIC academics in 4 weeks.

- The resources for AIC academics is outstanding.
  - TOPGUN – training teams, courses, standardized academic packages.
  - MAWTS-1 - MDTC, standardized academics.

7236 T&R AIC Syllabus

Qualification

- The 7236 can become a qualified AIC in about the same time as a 7210. However, maybe quicker due to the AWC exposure.

- Advanced training is AICI, TOPGUN and MDTC. Should primarily be 7236 billets.

7210 / 7236 MOS Manual

Job Titles

- 7210 MOS Manual Description.
  - Air defense control officers direct and coordinate fighter aircraft in the interception of hostile aircraft and coordinate employment of surface-to-air missiles.

- This is not in tune with the T&R.
  - The T&R drives 7210 to be directors and not the detailed controller.
  - AIC can be completed after a 7210 is STD and SID qualified.

7210 / 7236 MOS Manual

Job Titles

- 7236 MOS Manual Description.
  - Tactical air defense controllers direct aircraft in the interception of hostile aircraft, provide positive control of friendly aircraft, and participate in the coordination of surface-to-air weapons and intercepts in an AAW environment.

- Duties for Sgt – MGySgt
  - 5 duties listed, 2 deal with A/C directly.
    - Conduct ground controlled intercepts.
    - Provide flight following and navigational assistance.

7210 / 7236 MOS Manual

Job Titles

- The MOS Manual and T&R drive this point together for the 7236.

Conclusions

T&R

- The T&R does not contain a 1/3 of what it contained in the 80s for GCI.
  - It has been updated with:
    - OCA/DCA type missions.
    - Current tactics and control standards.
    - Big emphasis on simulated events.
- Emphasis is placed on the 7236 being the detailed controller.

Conclusions

T&R

- The T&R directs 7210s to become directors first and still lets them control A/C concurrently. Placing the focus of training on being a director.

- The 7236 can train 200 and 300 level concurrently.

Conclusions

OIF

- The TAOC did control CAPs for the USAF
- On standby for VID flights
- KI/CAS was successful
  - Crew was trained with large exposure to A/C systems and weapons.
  - TOPGUN and or MDTC graduates
  - Long exposure to GCI, A/C, and pilot TTPs.

Conclusions

Bottomline

- We have it right the way it is. GCI does not interfere with training directors. Does not take years to complete.

- Benefits the community by providing sound academics and exposure to weapons systems and TTPs.

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